te de	1015 1.3	50					
Work Order ID May-01-13 7:17:37 AM	100923		*100	923*			Page 1
Item ID: D3020- Revision ID: Item Name: Fitting	-1 /		Accept	*N900040100	<b>)*</b> s	etup Start Stop	14.71
Start Date: 4/30/13 Required Date: 4/30/13 Reference:	~ "	*12* *12*		Cust Item ID: Customer:			
	ss Plan: Mしつ		Tooling: SPC (Y/N):	Date:	R	tun Start Stop	"NRT"
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID Tool # Plan Code	Accept Qty	Reject Qty	Reject Insp. Number Stamp
Draw Nbr	Revision Nbr						
D3020  100  *100*  Hardinge  Hardinge CNC Lathe Small	Hardinge CNC LATHE  Memo  Turn blank	SMALL as per Folio FA255 and Dwg	0.00 0.00 ; D3020	B 13/05/21		\$	
110 *110* QC Quality Control	QC2- Inspect parts off n  Memo	achine FAI/FAIB	0.00 0.00 F.	K- 1365/21	/3	<u> 6</u>	·.
*120 *120* Small Fab Small Fab	Small Fab Memo Deburr	,	0.00				

									DQA:	Date:	
NCR: Yes	s / No			WORK OF	RDER NON-CO	NFORN	//ANCE / UP		QA Closed:	Date:	
Work Order:				DISP	OSITION			AGAINST DE	PARTMENT	/PROCESS	
Part No		· · ·			Rework Scrap	1	Skid-tube Machining	Crosstube Small Fab		Water Jet d. Eng. Coor.	Engineering Quality Other
NCR No	·			Work Or	Use-as-is der Update	1	oforming Large Fab	Finishing Composite	Rec/Stor	Supplier	Other
Root				Description of work of	order update	Initial	Ad	ction	Sign &		
Cause	Date	Step	Qty	or Non-conforr	mance C	hief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data											
quip/Tooling										·	
Operator											
Material											
etup											
Other											
rocess		ļ									
Supplier						İ					
Training											
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			FAU	LT CATEGORY	 		
Landing	Gear	General		_	 _		-
	Bending	Bend	ſ	Grain	Ovalized		Pressure/Forced
	Centre Not Concentric to O/S	BOM/Route		Hardware	Over/Under tolerance		Temperature/Cure
	Cracks	Broken/Damaged		Inspection Incomplete	Part Incorrect		Weld
	Crushed/Crimped.	Burrs		Instructions Incomplete/Unclear	Part Lost/Missing	L	Wrong Stock Pulled
	Cuffs	Contamination		Maintenance	Part Moved		
	Heat Treat	Countersink		Mislabeled	Positioned Wrong		_
	Inspection Strip in Tube	Cut Too Short		Misread	Power Loss/Surge	L	Other
	Ripples in Bend	Drill Holes		Offset			
	Torque Waves in Extrusion	Drawing		Out of Calibration			
	Turning Sequence	Finish		Out of Sequence			
	Wave/Twist in Tube	Folio		Outside Dimensions			

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0.00

0.00

OC21- Final Inspection - Work Order Release

Memo

150

QC

\*150\*

**Quality Control** 

13/5/22 45 MF 13-5-22

NCR: Y	es/	/ No					WORK ORDER NON-C	O	NFORM	MANCE / UPE	DATE			migh
				17			N.					QA Closed:	Date:	
Nork Orde	er:,						DISPOSITION				AGAINST D	EPARTMENT,	PROCESS	
Part N							Rework Scrap Use-as-is Work Order Update		Thern	Skid-tube  Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. e/Packaging Supplier	Engineering Quality Other
Doot				_	Dosc		tion of work order update		nitial	Act	ion	Sign &		T
Root Cause		Date	Step	Qty	Desc		r Non-conformance	1	ief Eng	Descr		Date	Verification	QC Inspector
oc/Data		Date	step	Qty			- Non-comormance	C 11	iici Elig	0000	TPCIOTI	-	Vermound	
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Inapproved														
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Landi	ng (	Gear				-	General		***	***	· · · · · · · · · · · · · · · · · · ·			
	<u> </u>	Bending			Ī		Bend		Grain			Ovalized	Γ	Pressure/Forced
	-	Centre No	ot Concer	ntric to	o/s	$\neg$	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				٦	Broken/Damaged		Inspect	ion Incomplete	Γ	Part Incorre	ct	Weld
		Crushed/0	Crimped.			_	Burrs		Instruct	ions Incomplete/L	Jnclear -	Part Lost/M	issing	Wrong Stock Pulled
		Cuffs	•				Contamination		Mainte	enance		Part Moved		
		Heat Trea	t			$\exists$	Countersink		Mislabe	eled	Γ	Positioned \	Vrong	
i		Inspection	n Strip in	Tube		ᅦ	Cut Too Short		Misread	i	· [	Power Loss/	Surge	Other
		Ripples in			·	ヿ	Drill Holes		Offset				· · ·	
		Torque W		xtrusio	n	$\dashv$	Drawing		Out of (	Calibration				
		Turning Se				_	Finish		Out of	Sequence				
						┨	Folio		Outside	Dimensions				

DQA:

Date:

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May-01-13 - 7:17:36 AM

Work Order ID:

100923

Parent Item:

D3020-1

Parent Item Name:

Fitting

**Start Date: 4/30/13** 

Required Date: 4/30/13

**Start Qty: 12.00** 

Required Qty: 12.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M1018R1.250 1018 ROUND BAR 1.250		Purchased	No			100	f	28.3190	0.0879	1.1103156		276 <b>102</b> 5 2 2 3 4	e de la constante de la consta
				<b>Location</b>		Loc Oty	<u>Lo</u>	c Code					
•				Mezz		28.319						3 10 0-1	73
•				<del>×</del> 159:	25	20.583			1. 2	-F	₹5 ,	2/02/	4-
				164	43	7.736							

NCR: Y	es / No				WORK ORDER NON-O	CONFOR	MANCE / UP	DATE			
			,						QA Closed:	Date	
Work Orde	r:				DISPOSITION	J		AGAINST DE	PARTMENT,		, <del>[</del>
Part N	o				Rework Scrap Use-as-is	Ther	Skid-tube Machining moforming	Crosstube Small Fab Finishing	4	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other
NCR N	0				Work Order Update	]	Large Fab	Composite	<u> </u>	Supplier	
Root				Descri	ption of work order update	Initial	Ac	ction	Sign &		
Cause	Date	Step	Qty	(	or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling										,	
Operator Material Setup											·
Other		ļ	}								į
Process										1	
Supplier	-									-	
Training											
Unapproved											
<u> </u>			<u> </u>	1	F	AULT CAT	EGORY				
Landin	g Gear			•	General				_	_	
	Bending				Bend	Grain			Ovalized		Pressure/Forced
	Centre No	ot Conce	ntric to	o/s	BOM/Route	Hardw	are		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged	Inspec	tion Incomplete		Part Incorre	ct	Weld
	Crushed/	Crimped	,		Burrs	Instru	ctions Incomplete	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination	Maint	enance		Part Moved		
	Heat Trea	t			Countersink	Mislak	eled		Positioned \	Nrong _	_
[	Inspection	n Strip in	Tube		Cut Too Short	Misre	ad		Power Loss,	/Surge	Other ·
Ī	Ripples in	Bend			Drill Holes	Offset					
	Torque W	aves in E	xtrusio	n 🗀	Drawing	Out of	Calibration				
	Turning S	equence			Finish	Out of	Sequence				
ľ	Wave/Tw	ist in Tul	oe .		Folio	Outsid	Outside Dimensions				

DQA:

Date:

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DART AEROSPACE LTD	Work Order:	100923
Description: Fitting	Part Number:	D3020-1
Inspection Dwg: D3020 Rev: A		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

X First Art	cle	Prototype
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-							
	Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1	1.25	+/-0.010	1.249	7		FKOU	Vern-
Ĺ	0.030 x 45°	+/-0.010	"030×45°	1		11	h
	0.640	+0.000/-0.010	<sub>e</sub> 637	7		11	l)
	0.930	+/-0.010	،940	7		V	4
L	0.125	+/-0.010	·135	7		В	
L	0.300	+/-0.010	ୃ 299	7		N.	A
	0.844	+/-0.010	.844	7		l.	1,
	1.030	+/-0.010	1.030	7		31	
	Ø0.750	+0.005/-0.000	.751	7		Ŋ	),
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Measured by:	FK_	Audited by:	$\bigcap$	Prototype Approval:	N/A
Date:	13/05/21	Date: 289 13-5-22		Date:	N/A

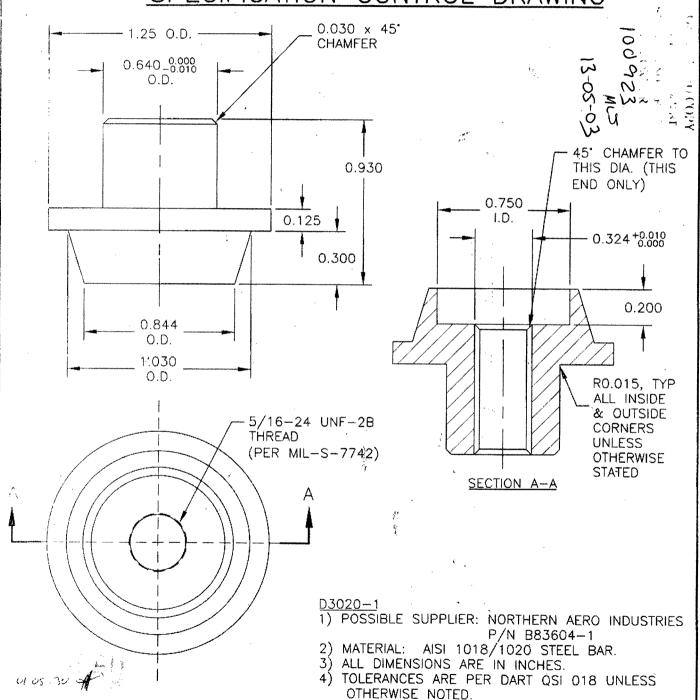
	Rev	Date	Change	Revised by	Approxed
1	Α	05.04.26	New Issue	KJ/JLM	211





)	DESIGN (	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
	CHECKED	APPROVED #	DRAWING NO. REV. A D3020 SHEET 1 0F 1
	DATE		TITLE SCALE
	01.05.18		FITTING 2:1
	A	01.05.18	NEW ISSUE

## SPECIFICATION **DRAWING**



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